

Notice of Allowability

Application No.

10/625,753

Examiner

ANH H. DO

Applicant(s)

JEFFREY ET AL.

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/7/2007.
2. ☒ The allowed claim(s) is/are 1, 2, 5, 7, 9-14, 17-25, AND 31-35.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 11/15/2007
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 11/15/2007.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


ANH HONG DO
PRIMARY EXAMINER

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Mark Watson on 11/15/2007.

The application has been amended as follows:

IN THE CLAIMS:

--Claim 12. (Currently amended) An apparatus for reducing requirements for transmitting image data representing a plurality of pixels defining an image, the image data being transmitted in a data stream and being in a predetermined order of pixel components, comprising:

a receiving module to receive the data stream and to compute a coordinate location in the image for each pixel component in the data stream; and

a transforming module to transform the image data as it is received by creating second image data representing a plurality of second image pixels, and determining if an attribute of a second image pixel is defined by one of the pixel components, wherein the second image data is created by transforming the first image data as it is received by selectively storing some of the pixel components in a memory for access by a display device, a pixel component being selected if a second image pixel is at least partially

defined by the pixel component, and discarding other of the pixel components
~~selectively storing some pixel components of the data stream in a memory and~~
~~discarding other pixel components of the data stream.~~

Response to Arguments

2. Applicant's arguments, see Remarks (pages 7-9), filed 9/7/2007, with respect to claims 1, 2, 5, 7, 9-14, 17-25, and 31-35 have been fully considered and are persuasive. The rejection of claims 1, 2, 5, 7, 9-14, 17-25, and 31-35 has been withdrawn.

Allowable Subject Matter

3. Claims 1, 2, 5, 7, 9-14, 17-25, and 31-35 are allowed.

4. The following is an examiner's statement of reasons for allowance:

- * The claims have been amended to include allowable subject matters;

- * The present invention provides a new method, apparatus, and computer readable medium capable of reducing the an amount of memory bandwidth required to transmit image data to a display device (specification, page 2, lines 18-24).

Particularly, the new method, apparatus and computer readable medium comprise the following features, which the prior art taken either singly or in combination does not teach:

- determining if an attribute... discarding other of the pixel components (see independent claim 1);

- a transforming module to transform... discarding other of the pixel components
(see independent claim 12);

- determining if an attribute... without the pixel component (see independent
claim 24).

Any comments considered necessary by applicant must be submitted no later than
the payment of the issue fee and, to avoid processing delays, should preferably
accompany the issue fee. Such submissions should be clearly labeled "Comments on
Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the
examiner should be directed to ANH H. DO whose telephone number is 571-272-7433.
The examiner can normally be reached on 5/4-9.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, EILEEN LILLIS can be reached on 571-272-6928. The fax phone number
for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the
Patent Application Information Retrieval (PAIR) system. Status information for
published applications may be obtained from either Private PAIR or Public PAIR.
Status information for unpublished applications is available through Private PAIR only.
For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

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you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

November 19, 2007

A handwritten signature in black ink, appearing to read 'maull', with a long horizontal flourish extending to the right.

ANH HONG DO
PRIMARY EXAMINER